

CCTGACCGGCCGGCGGGCGCCCGGGCCGGTCTCGCCCTCTACCGAGCGCCTCGCCGCC
 CCCTCCCCGGCCCCGCGTCCCCTCCCCGTCCTCTCCTCCCCGCCCGCCGCCCGCCTCTC
 GGGGGGAGGGGCGTGGGGGCAGGGAGCCGATTTGCATGCGGGCCGCCGCGGCCGCTG
 CCTGAGCCGGAGCCCCGCCGCCGCGGAGCCCGCGCCCCGCGCCCCGCGCCCCGCG
 CGGCCCATGCCTCTGGCGCGGCCCTCGGGGGGGCGAAGGTGAAGATCGGCTCCTAG
 GATGAGTGAAGGGGCGGCCGGTGCCTCGCCACCTGGTGCCGCTTCGGCAGCCGCCGC
 CTCAGCCGAGGAGGGCACCGCGGCGGCTGCGGCGGCGGGCGGGCGGGGGGCC
 CGGACGGCGGCGGAGAAGGGGCGGCCGAACCCCCCGGGAGTTACGCTGTAGCGACT
 GCATCGTGTGGAACCGGCAGCAGACGTGGTTGTGCGTGGTGCTCTGTTCATCGGCTT
 CATCGGCCTGGGGCTCAGCCTCATGCTGCTTAAATGGATCGTGGTAGGCTCCGTCAAG
 GAGTACGTGCCACGGACCTGGTGGACTCCAAGGGAATGGGCCAGGACCCCTTCTTCC
 TCTCCAAGCCCAGCTCTTTCCCAAGGCTATGAAACCACCACAACAACCACTTCTACC
 ACGTCCCCCGCCACCCCTCTGCCGGCGGCGCCGCTTCTTCCAGGACGCCTAACCGGA
 TTAGCACCCGCTTGACCACCATCACACGGGCACCCACCCGCTTCCCTGGGCACCGGGT
 TCCCATCCGGGCTAGCCCGCGCTCTACCACAGCACGGAACACTGCTGCCCTCCGACG
 GTCCTGTCCACCACGGCCCTTTCTTCAGTAGCAGCACGCCCGGCTCCCGACCCCGAT
 GCCAGGAGCCCCAGTACGCAGGCGATGCCTTCCCTGGCCCACTGCGGCGTATGCTACC
 TCCTCCTACCTCCACGATTCCACTCCCTCCTGGACCCTGTCACCCTTTCAGGATGCTGC
 TGCCGCTCTTCTCCTCACCCTCTTCCACCTCCTCCACTACCACCACCCAGAACTA
 GCACCAGCCCCAAATTTCACTACAACATACTCCACTGAACGATCTGAGCACTTCAA
 ACCCTGTGAGACAAGGACCTGGCGTATTGTCTCAATGATGGTGAATGCTTTGTGATT
 GAGACCCTGACAGGATCCCATAAGCACTGTCGGTGCAAGGAAGGCTACCAAGGAGTC
 CGTTGTGATCAATTTCTGCCGAAAACAGACTCCATCTTATCGGATCCAACAGACCACTT
 GGGGATTGAATTCATGGAGAGTGAAGACGTTTATCAAAGGCAGGTGCTGTCAATTTCA
 TGTATCATCTTTGGAATTGTATCGTGGGCATGTTCTGTGCAGCATTCTACTTCAAAAG
 CAAGAAACAAGCTAAACAAATTCAGGAGCACCTGAAAGAGTCACAGAATGGGAAGAA
 CTACAGCCTCAAGGCATCCAGCACAAAGTCTGAGAGCTTGATGAAGAGCCATGTCCAT
 CTACAAAATTATTCAAAGGCGGATAGGCATCCTGTGACTGCGCTGGAGAAAATAATGG
 AGTCAAGTTTTTTCAGCTCCCCAGTCGTTCCCGAAGTCACTTCTCCTGACCGAGGAAG
 CCAGCCTATCAAGCACACAGCCCAGGACAAAGGAGTGGGATGTTGCATAGGAATAC
 TTTCAGAAGGGCACCAACCTCACCCCGAAGTCGACTGGGTGGTATTGTAGGACCAGCA
 TATCAACAACCTTGAAGAATCAAGAATTCCAGACCAGGATACGATACCTTGCCAAGGGA
 TAGAGGTCAGGAAGACTATATCCACCTGCCTATACAGCTGTGGTGTGTTGAAAGACC
 CCTGGACTTAAAGTATGTGTCCAATGGCTTAAGAACCCAACAAAATGCATCAATAAT
 ATGCAACTGCCTTCAAGAGAGACAAACCCCTATTTTAATAGCTTGGATCAAAAGGACC
 TGGTGGGTATTTATCCCCAAGGGCCAATTCTGTGCCCATCATCCCGTCGATGGGTCTA
 GAAGAAACCTGCATGCAAATGCCAGGGATTTCTGACGTCAAAAGCATTAATGGTGCA
 AAAACTCCTACTCCGCTGACATTGTCAACGCGAGTATGCCAGTCAGTGATTGTCTTCTA
 GAAGAACAACAGGAAGTGAAAATATTACTAGAGACTGTGCAGGAACAGATCCGGATT
 CTGACTGATGCCAGACGGTCAGAAGACTTCGAACTGGCCAGCATGGAACTGAGGAC
 AGTGCGAGCGAAAACACAGCCTTTCTCCCCCTGAGTCCCACGGCCAAATCAGAACGAG
 AGGCACAATTTGTCTTAAGAAATGAAATACAAAGAGACTCTGTGCTAACCAAGTGACT
 GGAAATGTAGGAATCTGTGCATTATATGCTTTGCTAAACAGGAAGGAGAGGAATTA
 AATACAAATTATTTATATGCATTAATTTAAGAGCATCTACTAGAAGCC

Figure 1

TCACCGACCTAGTGGACTCCACTAGGTTCGGTGGGCACGTACTCCTTGACGGAGCCAC
CACGATCCATTTGAGAAGCATGAGGCGCGGCCCATGCCTCTGCCGCGGCCCTCGGGG
GGGCGAAGGTGAANACCGGCTCCTAGGATGAGTGAAGGGGCGGCCGCTGCCTCGCCA
CCTGGTGGCGCTTCGGCAGCCGCCGCTCGGCCGAGGAGGGCACCGCGGCGGCTGCG
GCGGCGGCAGCGGCGGGCGGGGGCCCGACGGCGGCGGCGAAGGGGCGGCCGAGCC
CCCCGGGAGTTACGCTGTAGCGACTGCATCGTGTGGAACCGGCAGCAGACGTGGCT
GTGCGTGGTACCTCTGTTTCATCGGCTTCATCGGCCTGGGGCTCAGCCTCATGCTTCTCA
AATGGATCGTGGTGGGCTCCGTCAAGGAGTACGTGCCACCGACCTAGTGGACTCCAA
GGGATGGGCCAGGACCCCTTCTTCTCTCCAAGCCCAGCTCTTTCCCCAAGGCCATG
GAGACCACCACCTACCACTTCCACCACGTCCCCCGCCACCCCTCCGCCGGGGGTG
CCGCCTCCTCCAGGACGCCCAACCGGATTAGCACTCGCCTGACCACCATCACGCGGGC
GCCCCACTCGCTTCCCCGGGCACCGGGTGGCCATCCGGGGCCAGCCCGCGCTCCACCACA
GCACGGAACACTGCGGCCCTGCGACGGTCCCGTCCACCACGGCCCCGTTCTTCAGTA
GCAGCACGCTGGGCTCCCGACCCCGGTGCCAGGAACCTCAAGTACCCAGGCAATGCC
CTCCTGGCCTACTGCGGCATACGCTACCTCCTACCTTCACGATTCTACTCCCTCCT
GGACCCTGTCTCCCTTTTCAAGGATGCTGCCTCCTCTTCTTCTTCTTCTCCTCCGCTA
CCACCACCACACCAGAACTAGCACCAGCCCCAAATTTTCATACGACGACATATTCCAC
AGAGCGATCCGAGCACTTCAAACCCTGCCGAGACAAGGACCTTGCATACTGTCTCAAT
GATGGCGAGTGCTTTGTGATCGAAACCCTGACCGGATCCCATAAACACTGTCGGTGCA
AAGAAGGCTACCAAGGAGTCCGTTGTGATCAATTTCTGCCGAAAACCTGATTCCATCTT
ATCGGATCCAACAGACCACTTGGGGATTGAATTCATGGAGAGTGAAGAAGTTTATCAA
AGGCAGGTGCTGTCAATTTTCATGTATCATCTTTGGAATTGTCATCGTGGGCATGTTCTG
TGCAGCATTCTACTTCAAAAGCAAGAAACAAGCTAAACAAATCCAAGAGCAGCTGAA
AGTGCCACAAAATGGTAAAAGCTACAGTCTCAAAGCATCCAGCACAAATGGCAAAGTC
AGAGAACTTGGTGAAGAGCCATGTCCAGCTGCAAAATTATTCAAAGGTGGAAAGGCA
TCCTGTGACTGCATTGGAGAAAATGATGGAGTCAAGTTTTGTGCGGCCCCCAGTCATT
CCTGAGGTCCCTTCTCCTGACAGAGGAAGCCAGTCTGTCAAACACCACAGGAGTCTAT
CCTCTTGCTGCAGCCCAGGGCAAAGAAGTGGCATGCTCCATAGGAATGCCTTCAGAAG
GACACCCCGTCACCCCGAAGTAGGCTAGGTGGAATTGTGGGACCAGCATATCAGCA
ACTCGAAGAATCAAGGATCCCAGACCAGGATACGATACCTTGCCAAGGGATAGAGGT
CAGGAAGACTATATCCACCTGCCTATACAGCTGTGGTGTGTTGAAAGACCCCTGGAC
TTAAAGTATTCATCCAGTGGTTTAAAAACCCAACGAAATACATCAATAAATATGCAAC
TGCCTTCAAGAGAGACAAAACCCCTATTTTAATAGCTTGGAGCAAAAGGACCTGGTGGG
CTATTCATCCACAAGGGCCAGTTCTGTGCCATCATCCCTTCAGTGGGTTTAGAGGAA
ACCTGCCTGCAAATGCCAGGGATTTCTGAAGTCAAAGCATCAAATGGTGCAAAAACCT
CCTATTTCAGCTGACGTTGTCAATGTGAGTATTCCAGTCAGCGATTGTCTTATAGCAGA
ACAACAAGAAGTGAAAATATTGCTAGAACTGTCCAGGAGCAGATCCGAATTCTGACT
GATGCCAGACGGTCAGAAGACTACGAACTGGCCAGCGTAGAAACCGAGGACAGTGCA
AGCGAAAACACAGCCTTTCTCCCCCTGAGTCCACAGCCAAATCAGAACGAGAGGCGC
AATTTGTCTTAAGAAATGAAATACAAAGAGACTCTGCATTGACCAAGTGACTTGAGAT
GTAGGAATCTGTGCATTCTATGCTTTGCTCAACAGGAAAGAGAGGAAATCAAATACAA
ATTATTTATATGCATTAATTTAAGAGCATCTACTTAGAAGAAACCAAATAGTCTATCGC
CCTCATATCATAGTGTTTTTTAACAAAATATTTTTTTAAGGGAAAGAAATGTTTCAGGA
GGGATAAAGCTT

Figure 2

ATGAGTGAAGGGGCGGCCGCTGCCTCGCCACCTGGTGCCGCTTCGGCAGCCGCCCGCTCGGCCGAGG
AGGGCACCGCGGCGGCTGCGGCGGCGGCAGCGGCGGCGGGGGCCCCGACGGCGGCGGCAAGGGG
CGGCCGAGCCCCCGGGAGTTACGCTGTAGCGACTGCATCGTGTGGAACCGGCAGCAGACGTGGCT
GTGCGTGGTACCTCTGTTTCATCGGCTTCATCGGCCTGGGGCTCAGCCTCATGCTTCTCAAATGGATCGT
GGTGGGCTCCGTCAAGGAGTACGTGCCCACCGACCTAGTGGACTCCAAGGGGATGGGCCAGGACCCC
TTCTTCTCTCCAAGCCCAGCTCTTTCCCAAGGCCATGGAGACCACCACCACTACCACTTCCACCAG
TCCCCCGCCACCCCCTCCGCCGGGGGTGCCGCTCCTCCAGGACGCCCAACCGGATTAGCACTCGCCT
GACCACCATCACGCGGGCGCCCACTCGCTTCCCCGGGCACCGGGTGCCCATCCGGGCCAGCCCGCGCT
CCACCACAGCACGGAACACTGCGGCCCCCTGCGACGGTCCCGTCCACCACGGCCCCGTTCTTCAGTAGC
AGCACGCTGGGCTCCCGACCCCCGGTGCCAGGAACTCCAAGTACCCAGGCAATGCCCTCCTGGCCTAC
TGCGGCATACGCTACCTCCTCTACCTTCACGATTCTACTCCCTCCTGGACCCTGTCTCCCTTTCAGGA
TGCTGCCTCCTCTTCTTCTCTTCTTCTCCTCCTCCGCTACCACCACACACAGAACTAGCACCGCCC
CAAATTTTCATACGACGACATATTCCACAGAGCGATCCGAGCACTTCAAACCTTGCCGAGACAAGGAC
CTTGCTACTGTCTCAATGATGGCGAGTGCTTTGTGATCGAAACCCTGACCGGATCCCATAAACACTG
TCGGTGCAAAGAAGGCTACCAAGGAGTCCGTTGTGATCAATTTCTGCCGAAAACCTGATTCCATCTTAT
CGGATCCAACAGACCACTTGGGGATTGAATTCATGGAGAGTGAAGAAGTTTATCAAAGGCAGGTGCT
GTCAATTTTCATGTATCATCTTTGGAATTGTCATCGTGGGCATGTTCTGTGCAGCATTCTACTTCAAAG
CAAGAAACAAGCTAAACAAATCCAAGAGCAGCTGAAAGTGCCACAAATGGTAAAAGCTACAGTCTC
AAAGCATCCAGCACAAATGGCAAAGTCAGAGAACTTGGTGAAGAGCCATGTCCAGCTGCAAAATTATT
CAAAGGTGGAAGGCATCCTGTGACTGCATTGGAGAAAATGATGGAGTCAAGTTTTGTGCGCCCCCA
GTCATTCCCTGAGGTCCCTTCTCCTGACAGAGGAAGCCAGTCTGTCAAACACCACAGGAGTCTATCCT
CTTGCTGCAGCCCAGGGCAAAGAAGTGGCATGCTCCATAGGAATGCCTTCAGAAGGACACCCCCGTC
ACCCCGAAGTAGGCTAGGTGGAATTGTGGGACCAGCATATCAGCAACTCGAAGAATCAAGGATCCA
GACCAGGATACGATACCTTGCCAAGGGTATTATCCAGTGGTTTAAAAACCCAACGAAATACATCAAT
AAATATGCAACTGCCTTCAAGAGAGACAAACCCCTATTTAATAGCTTGGAGCAAAAGGACCTGGTG
GGCTATTATCCACAAGGGCCAGTTCTGTGCCCATCATCCCTTCAGTGGGTTTAGAGGAAACCTGCCT
GCAAATGCCAGGGATTTCTGAAGTCAAAAGCATCAAATGGTGCAAAAACCTCTATTAGCTGACGTTG
TCAATGTGAGTATTCCAGTCAGCGATTGTCTTATAGCAGAACAACAAGAAGTGAAAATATTGCTAGAA
ACTGTCCAGGAGCAGATCCGAATTCTGACTGATGCCAGACGGTCAGAAGACTACGAACTGGCCAGCG
TAGAAACCGAGGACAGTGCAAGCGAAAAACACAGCCTTTCTCCCCCTGAGTCCACAGCCAAATCAGA
ACGAGAGGCGCAATTTGTCTTAAGAAATGAAATACAAAGAGACTCTGCATTGACCAAGTGA

Figure 3

hNRG3B1 1 MSEGAAASPPGAASAAAAAEEGTAAAAAAGGGPDGGGEGAAEPPR
mNRG3 1 MSEGAAASPPGAASAAAAAEEGTAAAAAAGGGPDGGGEGAAEPPR

hNRG3B1 51 ELRCSDCIVWNRQOTWLCVVPLFIGFIGLGLSLMLLKWIVVGSVKEYVPT
mNRG3 51 ELRCSDCIVWNRQOTWLCVVPLFIGFIGLGLSLMLLKWIVVGSVKEYVPT

hNRG3B1 101 DLVDSKGMGQDPFFLSKPSSFPAKAMTTTTTTTSTTSPATPSAGGAASSRT
mNRG3 101 DLVDSKGMGQDPFFLSKPSSFPAKAMTTTTTTTSTTSPATPSAGGAASSRT

hNRG3B1 151 PNRISTRLTITRAPTRFPGRVPTIRASPRSTTARNTAAPATVPSTTAPF
mNRG3 151 PNRISTRLTITRAPTRFPGRVPTIRASPRSTTARNTAAPATVLSSTTAPF

hNRG3B1 201 FSSSTLGSRRPVFGTPSTQAMPSWPTAAYATSSYLHDSTPSWTLSPFQD-
mNRG3 201 FSSSTLGSRRPMPGAPSTQAMPSWPTAAYATSSYLHDSTPSWTLSPFQDA

hNRG3B1 250 - AASSSSSSSSSAITTTTETSTSPKFHTTTTSTERSEHFKEPDRDKDLAYC
mNRG3 251 A AASSSSSSSSSTSTTTTETSTSPKFHTTTTSTERSEHFKEPDRDKDLAYC

hNRG3B1 299 LNDGEQFVIETLTGSHKHCRKEGYOGVRQDQFLPKTDSILSDPTDHLGI
mNRG3 301 LNDGEQFVIETLTGSHKHCRKEGYOGVRQDQFLPKTDSILSDPTDHLGI

hNRG3B1 349 EFMESEEVYQROVLSISCIIFGIVIVGMFCAAFYFKSKKOAKQIQEQLKV
mNRG3 351 EFMESEDEVYQROVLSISCIIFGIVIVGMFCAAFYFKSKKOAKQIQEHLKE

hNRG3B1 399 PONGKSYSLKASSTMAKSENLVKSHVQLQNYSKVERHPVTALEKIMESSF
mNRG3 401 SONGKNYSLKASST--KSESLMKSHVHLQNYSKADRHPTALEKIMESSF

hNRG3B1 449 VGQSFPEVPSPDRGSQSVKHHRLSSCCSPGQSRGMLHRNAFRRTPPSP
mNRG3 449 SAQSFPEVTSPDRGSQPIKHH-----SPGQSRGMLHRNTERRAPPSP

hNRG3B1 499 RSRLGGIVGPAYQOLEESRIPDQDTIPCGIEVRKTISHLP IQLWCVERP
mNRG3 492 RSRLGGIVGPAYQOLEESRIPDQDTIPCGIEVRKTISHLP IQLWCVERP

hNRG3B1 549 DLKYSYSSGLKTRNTSINMQLPSRETNPFNSLEQKDLVGYSSTRASSV
mNRG3 542 DLKYVSNGLRTQNASINMQLPSRETNPFNSLDQKDLVGYSSTRANSV

hNRG3B1 599 PIIPSVGLEETCLQMPGISEVKS IKWCKNSYSADVNVVSI PVSDCLIAEQ
mNRG3 592 PIIPSMGLEETCLQMPGISDVKS IKWCKNSYSADIVNASMPVSDCVIEEQ

hNRG3B1 649 QEVKILLETVOEQIRILTARRSEDYELASVETEDSASENTAFLPLSPTA
mNRG3 642 QEVKILLETVOEQIRILTARRSEDFELASMETEDSASENTAFLPLSPTA

hNRG3B1 699 KSEREAQFVLNEIORDSA LTK
mNRG3 692 KSEREAQFVLNEIORDSV LTK

Figure 4A

hNRG3B1 1 MSEGAAAASPPGAASAAAASAEEGTAAAAAAAAGGGPDGGGEGAAEPPR
hNRG3B2 1 MSEGAAAASPPGAASAAAASAEEGTAAAAAAAAGGGPDGGGEGAAEPPR

hNRG3B1 51 ELRCSDCIVWNRQOTWLCVVPLFIGFIGLGLSLMLLKWIVVGSVKEYVPT
hNRG3B2 51 ELRCSDCIVWNRQOTWLCVVPLFIGFIGLGLSLMLLKWIVVGSVKEYVPT

hNRG3B1 101 DLVDSKGMGODPFFLSKPSSFFPKAMETTTTTTTSTTSPATPSAGGAASSRT
hNRG3B2 101 DLVDSKGMGODPFFLSKPSSFFPKAMETTTTTTTSTTSPATPSAGGAASSRT

hNRG3B1 151 PNRISTRLTTITRAPTRFPGHRVPIRASPRSTTARNTAAPATVPSTTAPF
hNRG3B2 151 PNRISTRLTTITRAPTRFPGHRVPIRASPRSTTARNTAAPATVPSTTAPF

hNRG3B1 201 FSSSTLGSRPPVPGTPSTQAMPSWPTAAYATSSYLHOSTPSWTLSPFOA
hNRG3B2 201 FSSSTLGSRPPVPGTPSTQAMPSWPTAAYATSSYLHOSTPSWTLSPFOA

hNRG3B1 251 ASSSSSSSSSATTITPETSTSPKFHTTTYSTERSEHFKPCRDKDLAYCLN
hNRG3B2 251 ASSSSSSSSSATTITPETSTSPKFHTTTYSTERSEHFKPCRDKDLAYCLN

hNRG3B1 301 DGE CFVIETLTGSHKHCRCKEGYOGVRCDOFLPKTDSILSDPTDHLGIEF
hNRG3B2 301 DGE CFVIETLTGSHKHCRCKEGYOGVRCDOFLPKTDSILSDPTDHLGIEF

hNRG3B1 351 WESEEVYOROVLSISCIIFGIVIVGMFCAAFYFKSKKQAKQIQEOLKVPQ
hNRG3B2 351 WESEEVYOROVLSISCIIFGIVIVGMFCAAFYFKSKKQAKQIQEOLKVPQ

hNRG3B1 401 NGKSYSLKASSTMAKSENLVKSHVOLQNYSKVERHPVTALEKMMESSFVG
hNRG3B2 401 NGKSYSLKASSTMAKSENLVKSHVOLQNYSKVERHPVTALEKMMESSFVG

hNRG3B1 451 POSFPEVPSPPDRGSQSVKHHRSLSGCCSPGORSGLHNRNAFRRTPPSPRS
hNRG3B2 451 POSFPEVPSPPDRGSQSVKHHRSLSGCCSPGORSGLHNRNAFRRTPPSPRS

hNRG3B1 501 RLGGIVGPAYQOLEESRIPDOOTIPCOGIEVRKTI SHLP IQLWCVERPLD
hNRG3B2 501 RLGGIVGPAYQOLEESRIPDOOTIPCOG.....

hNRG3B1 551 LK YSSSSGLKTORNTSINMOLPSRETNPFYFNSLEQKDLVGYSSSTRASSVP I
hNRG3B2 529 - - YSSSSGLKTORNTSINMOLPSRETNPFYFNSLEQKDLVGYSSSTRASSVP I

hNRG3B1 601 IPSVGLEETCLOMPGISEVKS IKWCKNSYSADVNVSI PVSDCLIAEQOE
hNRG3B2 577 IPSVGLEETCLOMPGISEVKS IKWCKNSYSADVNVSI PVSDCLIAEQOE

hNRG3B1 651 VKILLETVOEQIRILTDARRSEDYELASVETEDSASENTAFLPLSPTAKS
hNRG3B2 627 VKILLETVOEQIRILTDARRSEDYELASVETEDSASENTAFLPLSPTAKS

hNRG3B1 701 EREAQFVLRNEIORDSALT K
hNRG3B2 677 EREAQFVLRNEIORDSALT K

Figure 4B

hNRG3.egf	288	H	F	K	P	C	R	D	K	D	L	A	Y	C	L	N	D	G	E	C	F	V	I	E	T	L	T	G	S	H	K	H	-	C	R	C	K	E	G	Y	Q	G	V	R	C	-	D	Q	F	L
cARIA.egf	137	H	L	T	K	C	D	I	K	K	A	F	C	V	N	G	G	E	C	Y	M	V	K	D	L	P	N	P	R	Y	L	C	R	C	P	N	E	F	T	G	D	R	C	-	Q	N	Y	V		
hAR.egf	142	K	K	N	P	C	N	A	E	F	O	N	F	C	I	H	-	G	E	C	K	Y	I	E	H	L	E	A	V	T	-	-	-	C	K	C	Q	Q	E	Y	F	G	E	R	C	G	E	K	S	M
hBTC.egf	65	H	F	S	R	C	P	K	Q	Y	K	H	Y	C	I	K	-	G	R	C	R	F	V	V	A	E	Q	T	P	S	-	-	-	C	V	C	D	E	G	Y	I	G	A	R	C	E	R	V	D	L
hEGF.egf	972	S	D	S	E	C	P	L	S	H	D	G	Y	C	L	H	D	G	V	C	M	Y	I	E	A	L	D	K	Y	A	-	-	-	C	N	C	V	V	G	Y	I	G	E	R	C	Q	Y	R	D	L
hHB-EGF.egf	104	K	R	D	P	C	L	R	K	Y	K	D	F	C	I	H	-	G	E	C	K	Y	V	K	E	L	R	A	P	S	-	-	-	C	I	C	H	P	G	Y	H	G	E	R	C	H	G	L	S	L
hHRGα.egf	178	H	L	V	K	C	A	E	K	E	K	T	F	C	V	N	G	G	E	C	F	M	V	K	D	L	S	N	P	S	R	Y	L	C	K	C	P	N	E	F	T	G	D	R	C	-	Q	N	Y	V
hHRGβ.egf	178	H	L	V	K	C	A	E	K	E	K	T	F	C	V	N	G	G	E	C	F	M	V	K	D	L	S	N	P	S	R	Y	L	C	K	C	P	N	E	F	T	G	D	R	C	-	Q	N	Y	V
hTGFα.egf	43	H	F	N	D	C	P	D	S	H	T	Q	E	C	F	H	-	G	T	C	R	F	L	V	O	E	D	K	P	A	-	-	-	C	V	C	H	S	G	Y	V	G	A	R	C	E	H	A	D	L
mEPR.egf	57	Q	I	T	K	C	S	S	D	M	D	G	Y	C	L	H	-	G	O	C	I	Y	L	V	D	M	R	E	K	F	-	-	-	C	R	C	E	V	G	Y	T	G	L	R	C	E	H	F	F	L

Figure 5

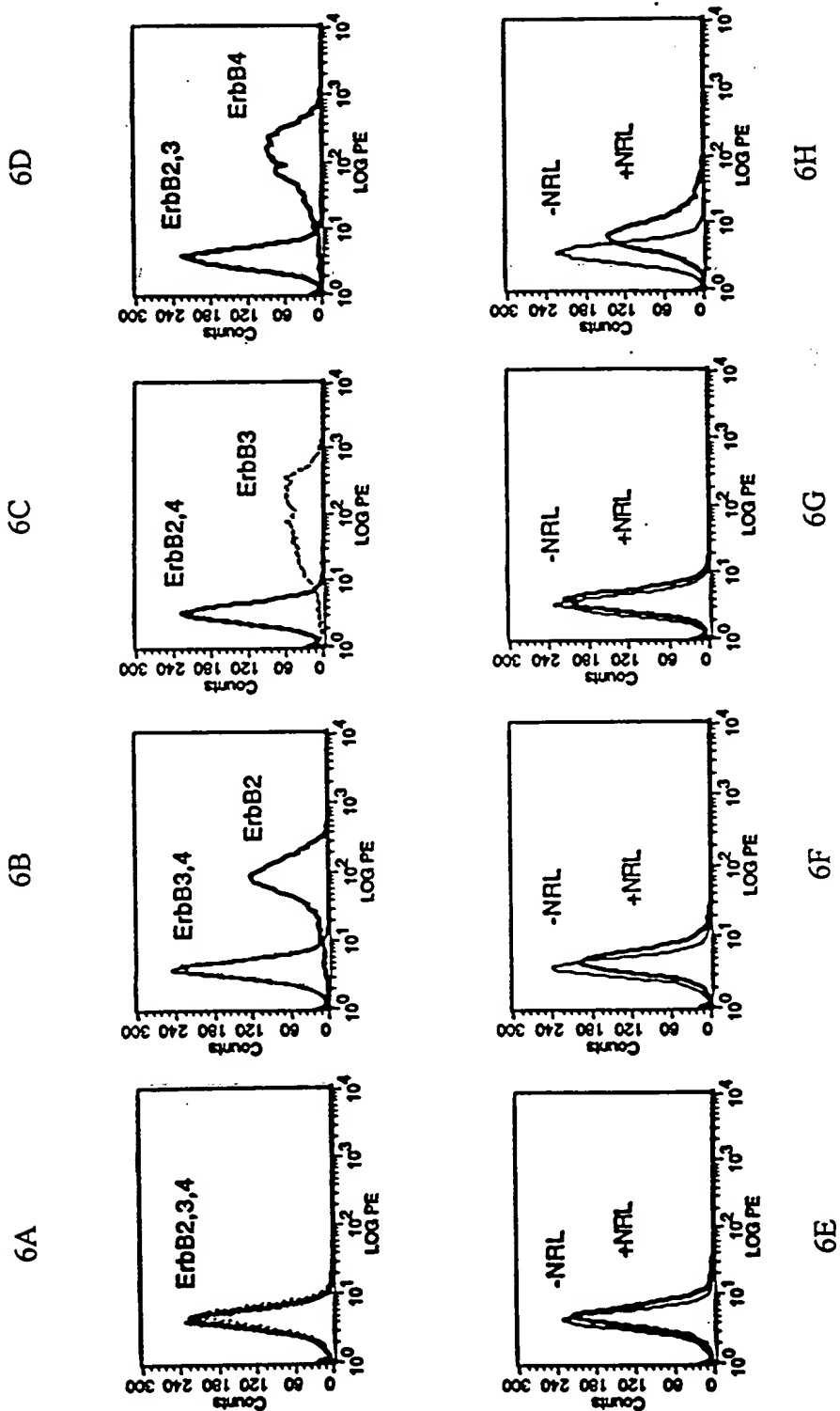


Figure 6A - 6H

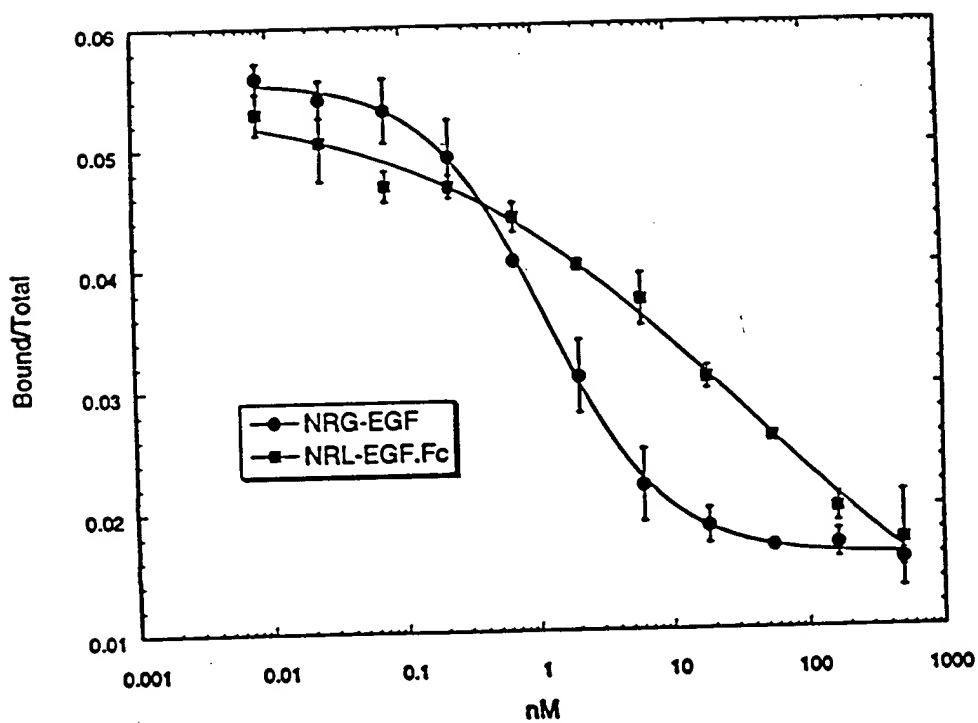


Figure 7